## LOAN DOCUMENT

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LOAN DOCUMENT

1700 Broadway, Suite 900 • Denver, Colorado 80290 • (303) 831-8100 • Fax: (303) 831-8208

May 24, 1996

Mr. Bill Barry 15 CES/CEVR 75 H Street Hickam AFB, HI 96853-5233

Subject:

Photographs of Extended Bioventing Activities

Dear Bill:

Please find enclosed some color copies of photographs of extended bioventing system installation, which Christine had requested before she left Hickam AFB. I hope things are going well for you in this transitional period. If I can be of assistance, please call me at (303) 831-8100.

Sincerely,

PARSONS ENGINEERING SCIENCE, INC.

/John Ratz/

Project Manager

**Enclosures** 

cc:

Capt Ed Marchand, AFCEE/ERT

File 726876.29



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## **Photograph Log**

## Installation of Extended Bioventing Systems Sites ST12-A, ST12-B, and ST10

## October and November 1995

- 1 and 2.) Installation of blower system and electrical components at Site ST12-B.
- 3.) Installation of subgrade electrical conduit at Site ST12-B.
- 4.) Bioventing shed and panel for electrical equipment at Site ST12-A.
- 5.) Bioventing shed at Site ST12-A, with open-bottomed disposal basin (contamination source) in the foreground.
- 6 and 7.) Silty clay soil sample collected at VW-1 from 40 feet bgs. Note grey discoloration. 18 October 1995.
- 8.) Highly vesicular saprolite sample collected at Site ST12-B, MPC-90. 21 October 1995.
- 9, 10, 11, and 12.) Highly vesicular saprolite sample collected at Site ST12-B, MPB-90. 24 October 1995.
- 13.) Construction of MPB. 24 October 1995.
- 14, 15, 16, and 17.) Site ST12-B. 24 October 1995.
- 18, 19, and 20.) Silt sample collected from Site ST12-A, MPD. Depth not recorded. 24 October 1995.
- 21.) Drilling at Site ST12-A, MPD.
- 22, 23, and 24.) Soil samples collected from Site ST12-A, VW-2. Note the grey hydrocarbon staining at 90 and 100 feet below grade. 26 October 1995.
- 25 and 26.) Construction of flush-mount wellhead protector at Site ST12-B, VW-1.
- 27, 28, 29, and 30.) In situ respiration test setup at Site ST12-B. 4 November 1995.
- 31 and 32.) Site ST12-B.
- 33.) Blower at Site ST12-B.
- 34.) Constructing new flush-mount protector over MW-6, Site ST12-A.
- 35 and 36.) Site ST12-A.
- 37.) Electrical components installed at Site ST12-A.
- 38, 39, 40, 41, 42.) Site ST12-A.
- 43 and 44.) Site ST12-B.

































































































